

INTERNATIONAL SEARCH REPORT

International Application No
PCT/DK2004/000655

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F41H5/04 C04B38/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F41H C04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	FR 2 827 375 A (FRANCE ETAT) 17 January 2003 (2003-01-17) page 4, line 22 - page 9, line 15; figures 1-3	1-4,6,7
Y	WO 00/62007 A (DIBONA GARY S ; COMPERE PAUL (US); DARDEN WILLIAM S (US); SINGLER ROBE) 19 October 2000 (2000-10-19) page 7, line 16 - page 8, line 12	1-4,6,7
Y	US 4 415 632 A (LUHLEICH HARTMUT ET AL) 15 November 1983 (1983-11-15) column 2, lines 28-37	1-4,6,7
A	WO 01/72663 A (LYLES MARK B) 4 October 2001 (2001-10-04) claims 1,9-11,13-15	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

9 December 2004

Date of mailing of the international search report

17/12/2004

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FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: 1(part),5

Present claims 1 and 5 relate to an assembly for protection against an explosion defined by reference to the following parameter: the "physical extent" of the ceramic material included in the assembly.

The term "physical extent" has no well-recognised meaning and leaves the reader in doubt as to the meaning of the technical feature to which it refers. The use of this parameter in the present context is therefore considered to lead to a lack of clarity within the meaning of Article 6 PCT. It is impossible to compare the parameter the applicant has chosen to employ with what is set out in the prior art. The lack of clarity is such as to render a meaningful complete search impossible. Consequently, the search has been restricted to:

- the subject-matter of claim 1 as filed, without the feature "a physical extent in the range of approximately 5 to 10 mm"; and
- the subject-matter of claims 2-4, 6 and 7 as filed.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.: 1(part),5
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; It is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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Information on patent family members

Inte Application No
PCT/DK2004/000655

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 2827375	A	17-01-2003	FR 2827375 A1	17-01-2003
			EP 1412693 A1	28-04-2004
			WO 03012363 A1	13-02-2003
WO 0062007	A	19-10-2000	AU 6488500 A	14-11-2000
			EP 1166030 A2	02-01-2002
			JP 2002541427 T	03-12-2002
			WO 0062007 A2	19-10-2000
US 4415632	A	15-11-1983	DE 3005586 A1	20-08-1981
			AT 9737 T	15-10-1984
			CA 1186532 A1	07-05-1985
			EP 0034329 A1	26-08-1981
			JP 1010470 B	21-02-1989
			JP 1536866 C	21-12-1989
			JP 56134574 A	21-10-1981
			US 4604249 A	05-08-1986
WO 0172663	A	04-10-2001	AU 5521501 A	08-10-2001
			EP 1272440 A2	08-01-2003
			WO 0172663 A2	04-10-2001
			US 2001044159 A1	22-11-2001